DRAFT - Pebble Project Stream Functional Assessment Method Evaluation Summary
4/3/2013

Stream Assessment Methods	Evaluation Factors: 1. Adequate data exist	2. Is a published method	3. Transparent and understandable	4. Useful for scoring off-site mitigation projects	5. Repeatability, objectivity	6. Can incorporate other baseline study results	7. Literature basis is presented	8. Method applicable to pristine waters	9. Little need to manually code polygons	10. Allows more objective delineation of assessment areas	Additional Information: Summary of Pros/Cons	Additional Information: Project Use in Alaska
EPA/USFWS 2012 (Harman et al. 2012)	●	●	●	●	●	●	●	●	◌	●	Most recent federal guidance. Well supported by literature. Maximizes use of on-site data. Only applies to streams.	None
Alaska Wetland Assessment Method (AKWAM)	●	●	●	●	●	●	◉	◌	●	●	Developed for use in Alaska. Transparent. Not well supported by literature. Some disturbance factors included.	Smaller scale projects: DOT Airport Master Plan. KGB Road Reconstruction, Nulato Airport Access Road
USACE Savannah District - USACE Mobile District - USACE Charleston District - USACE Little Rock District	●	●	●	●	●	●	◉	◉	◌	●	Includes streams and still waterbodies. Ratings rely heavily on disturbance factors.	None
Texas Rapid Assessment Method (TXRAM)	●	●	◌	●	●	●	●	◉	◌	●	Only applies to streams. Relys on disturbance factors. Site specific data needed.	None
Ohio EPA QHEI and HHEI, USACE Norflolk RCI	●	●	●	●	●	●	●	◉	◌	●	Only applies to streams. Relys on disturbance factors. Site specific data needed.	None
Other Site-Data-Dependent Methods - California Rapid Assessment Method - USDA/NRCS Stream Visual - Assessment Protocol - USACEWestern Virginia and Eastern Kentucky	●	●	●	●	●	●	●	◉	◌	◉	Only applies to streams. Relys on disturbance factors. Site specific data needed. Some focus more on adjacent riparian wetlands, not the actual waterbody.	None
EPA:Rapid Bioassessment	●	●	◌	◉	◉	●	◉	●	◉	◉	Not a true functional assessment, focus is mainly aquatic organisms.	None
BLM Proper Functioning Condition	●	●	●	◉	◉	●	●	◉	◉	◉	Focus is more on riparian wetland condition and not the actual stream. Does not apply well to pristine waters.	Used as a means of establishing baseline information for streams on BLM lands.

● Fully meets criterion
◌ Neutral or mixed; meets criterion with some qualification
◉ Does not meet criterion, even with minor modification